INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/000518

			1 C1/14 (2004/000316	
A. CLAS	SSIFICATION OF SUBJECT MATTER			
IPC7 G02B 6/12				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum doc IPC7 G02B 6	numentation searched (classification system followed by 6/12	y classification symbols)		
Korean Paten	on searched other than minimum documentation to the easts and applications for inventions since 1975 by models and applications for Utility models since 197		included in the fields searched	
Electronic data	a base consulted during the intertnational search (name	of data base and, where practic	cable, search terms used)	
C. DOCUM	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where app	propriate, of the relevant passag	ges Relevant to claim N	lo.
Α	KR 2002-63036 A (OLANTECH CO.) 01 AUGUST See whole document	2002	1 .	
Α	JP 2002-311263 A (HITACHI CABLE LTD.) 23 OC See whole document	1		
Further	documents are listed in the continuation of Box C.	See patent famil	y annex.	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report		
30	9 SEPTEMBER 2004 (30.09.2004)	30 SEPTEMB	ER 2004 (30.09.2004)	
I S	iling address of the ISA/KR Korean Intellectual Property Office 120 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea	Authorized officer JEONG, So Yeon		

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Form PCT/ISA/210 (second sheet) (Tanuary 2004)

Facsimile No. 82-42-472-7140